

Abstract

An image pickup apparatus which can remove flickers appearing in a frame of a solid-state image pickup device is disclosed. A light amount detector (2) is provided in the proximity of a sensor light receiving section (1), and the amount of light incoming to the sensor light receiving section (1) is normally monitored by the light amount detector (2). Detection data of the light amount detector (2) is signaled to a light amount detection data processing section (correction value calculation section) (4). The light amount detection data processing section (4) detects a current light amount condition based on the detection data inputted thereto and calculates correction data for removal of flickers based on the detected current light amount condition. A microcomputer performs an calculation process to obtain a maximum value and a minimum value of the light amount to detect the period of light emission of a light source. Then, an inverse number of an integration value of the light amount is multiplied by the image pickup signal such that the phase is displaced by 90° with respect to the light emission period of the light source to perform correction. The correction is performed by sending the correction data to a multiplier (gain amplifier) section (7).